

SACC-MS-12PCON SCO

Order No.: 1559592



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1559592>

Sensor/actuator connector, male connector, straight, 12-pos., M12 SPEEDCON, metal knurl, Piercecon[®], maximum cable diameter of 8.2 mm

Commercial data	
GTIN (EAN)	4046356314855
sales group	D118
Pack	1 pcs.
Customs tariff	85366990
Weight/Piece	0.0341 KG
Catalog page information	Page 112 (NTK-2010)

Product notes

WEEE/RoHS-compliant since:
02/25/2010



<http://www.download.phoenixcontact.com>
Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

Technical data	
General data	
Rated current at 40°C	1.5 A
Rated voltage	30 V
Number of positions	12
Volume resistance	≤ 5 mΩ

Insulation resistance	≥ 100 MΩ
General characteristics	
Coding	A - standard
Surge voltage category	II
Pollution degree	3
Degree of protection	IP67
Inflammability class acc. to UL 94	V0
Contact material	CuZn
Contact surface material	Au
Contact carrier material	PA
Material of grip body	Zinc die-cast, nickel-plated
Material, knurls	Zinc die-cast, (nickel-plated)
Sealing material	FKM
Type of connection	Piercecon®
Conductor cross section stranded min.	0.14 mm ²
Conductor cross section AWG/kcmil min.	26
Wire diameter including insulation	0.95 mm ... 1.05 mm
Frequency of connections between conductors of the same cross section	≥ 5
External diameter	5.4 mm ... 8.2 mm
Wire insulation material	PVC
Wrench size, union nut	13 mm
Structure of individual litz in acc. with VDE 0295 / smallest wire diameter	VDE 0295 Class 6

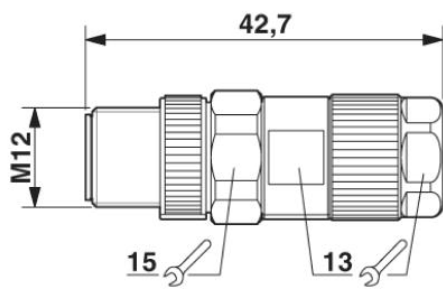
Accessories

Item	Designation	Description
General		
1441532	SAC-12P-100,0-PVC/0,14	Sensor/Actuator cable, 12-position, PVC, Black RAL 9005, Free conductor end, on Free conductor end, Cable length: 100 m
Tools		
1212487	MICROFOX-SP-1	Electronic diagonal cutter, tapered head, angled (21 degrees), without chamfer, with opening spring, non-reflective phosphate-treated surface

1208432	SAC BIT M12-D15	Nut for assembling sensor/actuator cables with M12 connector and for M12 connectors with QUICKON fast connection technology, for 4 mm hexagonal drive
1208429	TSD 04 SAC	Torque screwdriver, with preset torque of 0.4 Nm and 4 mm hexagonal drive for M12 connectors

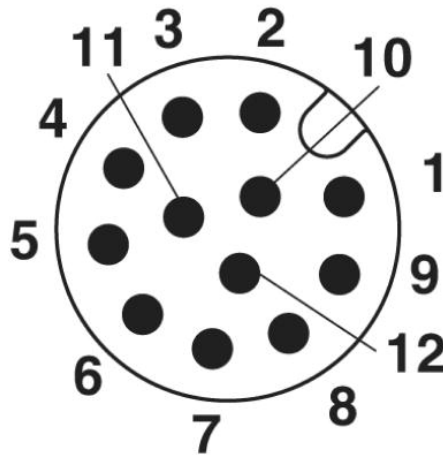
Diagrams/Drawings

Dimensioned drawing



M12 x 1 male connector, straight

Schematic diagram



Pin assignment M12 male connector, 12-pos., male side view

Address

PHOENIX CONTACT Ltd
Halesfield 13
Telford Shropshire TF7 4PG,GB
Phone 01952 681 700
Fax 01952 681 799
<http://www.phoenixcontact.co.uk>



© 2010 Phoenix Contact
Technical modifications reserved;